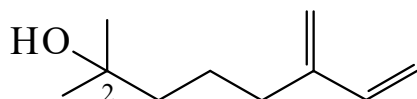




>>Entry Name: 2-Methyl-6-methylene-7-octen-2-ol, 9CI

Synonym(s): Myrcenol



CAS Registry Number: 543-39-5

Molecular Formula: C₁₀H₁₈O

Molecular Weight: 154.252

Accurate Mass: 154.135765

Percentage Composition: C 77.87%; H 11.76%; O 10.37%

Biological Source: Isol. from lavender oil and other plant oils

Use/Importance: Used in citrus and lavender-type perfumes

Physical Description: Liq. with lemon-like odour

Boiling Point: Bp₁₅ 105-106°. Bp₅ 78°

Refractive Index: n_D²⁰ 1.4731

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 5300 mg/kg

Rare Chemicals Library: S52841-2

>>Derivative: Ac

Synonym(s): 7-Acetoxy-7-methyl-3-methylene-1-octene. Myrcenyl acetate

CAS Registry Number: 1118-39-4

Molecular Formula: C₁₂H₂₀O₂

Molecular Weight: 196.289

Percentage Composition: C 73.43%; H 10.27%; O 16.30%

Use/Importance: Perfumery ingredient

Physical Description: Liq. with woody cologne-like odour

Boiling Point: Bp_{0.5} 53°

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 6300 mg/kg

Rare Chemicals Library: S12539-3

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